

Date: Fri, 15 Oct 93 04:33:11 PDT
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>
Errors-To: Ham-Equip-Errors@UCSD.Edu
Reply-To: Ham-Equip@UCSD.Edu
Precedence: Bulk
Subject: Ham-Equip Digest V93 #72
To: Ham-Equip

Ham-Equip Digest Fri, 15 Oct 93 Volume 93 : Issue 72

Today's Topics:

Icom 740: Mod info needed
URC-32 Wattmeter info
Vacuum Tube Source Neede
Yaesu items wanted

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 14 Oct 93 12:42:54 GMT
From: ogicse!emory!kd4nc!ke4zv!gary@network.ucsd.edu
Subject: Icom 740: Mod info needed
To: ham-equip@ucsd.edu

In article <CEuCJH.Lp9@freenet.carleton.ca> aj857@Freenet.carleton.ca (Howard Krakower) writes:

>

>Some years ago I remember seeing an article on modifications to
>the Icom 740. In particular, there was one modification which
>eliminated the need for the preamplifier in the microphone. That
>preamp is a source of annoyance where one wants to put SSTV or
>packet on HF. The preamp circuit board is in the microphone
>itself, which makes it awkward. It also make phone patching
>difficult.

Basically all modern rigs have active electronics in the microphone.
That's because most mikes today are electrets and have a very high
impedance and very low output, about a megohm and about -55 dbm.

The preamp is basically a source follower FET, and optionally in some rigs an IC preamp to boost the level to -30 dbm.

So the radio microphone input wants to see a 600 ohm impedance source driven by a level around -30 dbm. This isn't a problem for a phone patch which starts out with the -10 dbm phone line level. Almost all packet and fax boxes can supply drive at this level. For older SSTV gear, like an old Robot, you may need a stage of amplification.

Gary

--

Gary Coffman KE4ZV	"If 10% is good enough	gatech!wa4mei!ke4zv!gary
Destructive Testing Systems	for Jesus, it's good	uunet!rsiatl!ke4zv!gary
534 Shannon Way	enough for Uncle Sam."	emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244	-Ray Stevens	

Date: 14 Oct 1993 21:51:44 GMT
From: dog.ee.lbl.gov!agate!howland.reston.ans.net!math.ohio-state.edu!
cs.utexas.edu!gerald@cc.utexas.edu!nuntius@network.ucsd.edu
Subject: URC-32 Wattmeter info
To: ham-equip@ucsd.edu

Barry Newberger, W5KH
Inst. for Fusion Studies, UT-Austin
Austin, TX 78712-1060
tel (512) 471-3726
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Date: 14 Oct 1993 08:16:29 -0700
From: elroy.jpl.nasa.gov!swrinde!cs.utexas.edu!asuvax!chnews!ornews.intel.com!
ornews.intel.com!not-for-mail@ames.arpa
Subject: Vacuum Tube Source Neede
To: ham-equip@ucsd.edu

Don.Merz@f747.n115.z1.Chigate.chigate.com (Don Merz) writes:

>LG VACUUM TUBE SOURCE NEEDED!

>LGI'm looking for a source for vacuum tubes... I need a 6JE6A or 6LQ6
>tube for
> an old RCA TV that I am trying to repair. If anyone knows of a
>source to
> obtain vacuum tubes (other than Radio Shack, which wants an ungodly

>price
> for this tube), please respond via e-mail.

I've recently seen a lot of new tubes, sometimes a large number
in one box, in thrift stores. Check them out, the price is generally
right!

George

Date: Thu, 14 Oct 93 09:27:12 EDT
From: das.wang.com!wang!tossport!lee@uunet.uu.net
Subject: Yaesu items wanted
To: ham-equip@ucsd.edu

Wanted -

Yaesu SP-102 or SP-102P speaker

MD-1 desktop mike

FP-757HD power supply

Thanks,
Lee.

End of Ham-Equip Digest V93 #72
